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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Lopez, et al.
Filed : February 14, 2001
Serial No. : 09/762,963
For : Hormonal Antibody Inhibitor of GM-CSF, IL-3 and IL-5 and Other Cytokines and Uses Thereof

Group Art Unit : 1646
Examiner : S.C. Prasad

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OCT 3 0 2003

Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

TECH CENTER 1600/2900

Amendment/Response

SIR :

In response to the Office Action dated August 18, 2003, Applicants respectfully request that the Examiner consider the following papers in considering the present application in condition for allowance.

In the Specification:

Please add the following as the abstract for the present specification on a separate page after the last page of the claims:

ABSTRACT

A method of isolating a monoclonal antibody capable of inhibiting any one of IL-3, GM-CSF and IL-5 binding to the common receptor β_c , or a monoclonal antibody capable of inhibiting the cytokines binding to a receptor analogous to β_c . The method includes the steps of immunizing an animal with a cytokine receptor or portion of a cytokine containing the critical binding site which portion includes the extracellular domain 4 or an analogous domain in the analogous common receptor or part thereof. Antibodies producing cells from the animal are then isolated and fused with a myeloma cell line and then screened for a cell line that produces an